

## ABSTRACT

With a magnetic recording medium, servo pits have to be recorded one disk at a time, which is a problem in that it takes more time and is more expensive. In view of this, with the present  
5 invention, at least one signal region whose surface roughness is different from that of other than the signal region is formed on the substrate of a magnetic recording medium comprising a recording layer on a substrate, or on an under layer formed on a substrate.